

AMENDMENTS TO THE SPECIFICATION

Please replace the Title of the Invention with the following amended Title:

~~--SYSTEM FOR DYNAMIC CUSTOMER FILTERING ON-LINE SERVICE OF MANAGEMENT INFORMATION PRESENTED THROUGH A WEB-BASED PORTAL OF A NETWORK--~~

Please replace the paragraph at page 1, line 7 to line 9, with the following amended paragraph:

U.S. Patent Application No. 09/843,888, Serial No. 09/____,____, entitled “SYSTEM FOR SECURE ACCESS TO INFORMATION PROVIDED BY A WEB APPLICATION”, filed on April 30, 2001; (Attorney Docket No. 10006664-1);

Please replace the paragraph at page 1, line 10 to line 12, with the following amended paragraph:

U.S. Patent Application No. 09/843,887, Serial No. 09/____,____, entitled “SYSTEM FOR DISPLAYING TOPOLOGY MAP INFORMATION THROUGH THE WEB”, filed on April 30, 2001; (Attorney Docket No. 10006654-1);

Please replace the paragraph at page 1, line 13 to line 16, with the following amended paragraph:

U.S. Patent Application No. 09/845,429, Serial No. 09/____,____, entitled “DYNAMIC GENERATION OF CONTEXT-SENSITIVE DATA AND INSTRUCTIONS FOR TROUBLESHOOTING PROBLEM EVENTS AND INFORMATION NETWORK SYSTEMS”, filed on April 30, 2001; (Attorney Docket No. 10992465-1); and

Please replace the paragraph at page 1, line 17 to line 19, with the following amended paragraph:

U.S. Patent Application No. 09/845,427, Serial No. 09/____,____, entitled "A PORTAL SYSTEM AND METHOD FOR MANAGING RESOURCES IN A COMPUTING ENVIRONMENT", filed on April 30, 2001. (Attorney Docket No. 10992465-1).

Please replace the paragraph at page 8, line 11 to line 15, with the following amended paragraph:

When a customer logs onto a management information portal through, for example, a user interface web page, the management portal displays only the information that the user is allowed and/or desires to view based on the dynamic information filtering filter system in the configuration record for the particular customer found in the user configuration database.

Please replace the paragraph at page 10, line 7 to line 17, with the following amended paragraph:

FIG. 2 shows an exemplary embodiment of the management information portal 134 of the on-line service system shown in FIG. 1. The management information portal 134 may comprise a Module Registration (MR) file 208, which may be configured to store a list of modules 206 available in the Module Library (ML) 205. In an embodiment of the present invention, a display to the customer may comprise a hypertext markup language (HTML) page, and each of the modules may include a sub-window within the HTML display page. By way of example, in the case of network management service, the HTML display page may include a sub-window that displays the network health information, another sub-window showing the topology of the network being managed, and yet another sub-window providing a listing of critical event alarm logs.

Please replace the paragraph at page 10, line 18 to page 11, line 7, with the following amended paragraph:

The management information portal 134 further comprises a portal foundation 201, which may be a program, e.g., common gateway interface (CGI) program or the like, that can be launched by the web server 132. The portal foundation 201 includes a Module Manager (MM) 202, Display Manager (DM) 203 and an Edit Manager (EM) 204. The MM 202 maintains the MR file 208, and provides the list of modules to be displayed during initialization of the management information portal for a particular customer after a login by the end-user. The EM 204 allows the service provider to edit a customer configuration file (not shown), where the configuration file may be implemented as a record, a text file, etc. The user configuration database 209 is a database having stored therein a configuration configuration file (or record) for each registered customer of the network service. Each configuration record may contain, inter alia, account information of the customer, display preferences, e.g., the color scheme and heading labels of the HTML display page, and security filter definition(s).

Please amend the paragraph at page 11, line 8 to line 16, with the following amended paragraph:

FIG. 3 illustrates an exemplary embodiment of the module library 205 library module 204 shown in FIG. 2 in accordance with the principles of the present invention. As shown in FIG. 3, the library-module library 205 includes at least an alarm module 305, a topology map module 310, and a network health module 315. Although FIG. 3 illustrates the alarm module, a topology map module, and a network health module for illustrative purposes only, it is not be construed to be limiting to the present invention in any respect. It should be readily apparent to those skilled in the art that other types of modules may be included in the module library 205 without deviating from the scope or spirit of the present invention.

Please amend the paragraph at page 13, line 9 to line 22, with the following amended paragraph:

The customer sub-filter 405 may be configured to filter on a customer parameter such as a name, an identification number, or the like. The customer sub-filter uses customer model

information supplied externally (external to the management information portal 134) that provides an association of a list of network resources (hosts, interfaces, application services and any type of service provided to a customer) and the particular customer. In other words, by specifying a customer name in the customer sub-filter 405, the customer name is mapped to the network resources managed by the management information portal 134 into a set of customer network resources. The customer network resources may subsequently be used for additional filtering by other filters. The customer sub-filter 405 may be further configured to apply on a node and/or interface level of an allocated network of a customer. Accordingly, utilizing ~~by utilizing~~ the customer sub-filter 405 may reduce the nodes and/or interfaces of the service provider network to the allocated network of the customer.

Please amend the paragraph at page 14, line 16 to line 22, with the following amended paragraph:

FIG. 5 illustrates a block diagram of a display filter 500 in accordance with the principles of the present invention. The display filter 500 may be configured to be applied to each of the modules, module, e.g., alarm, network health, topology map, etc., of the module library 205. The display filter 500 may be further configured to further filter the information from the security filter 400. Thus, by applying both the security and display filters, a customer may be presented with the network information most applicable to the customer.